

Title (en)
Mixer

Title (de)
Mischvorrichtung

Title (fr)
Mélangeur

Publication
EP 0987055 B1 20030319 (DE)

Application
EP 99118275 A 19990915

Priority
DE 29816531 U 19980915

Abstract (en)
[origin: EP0987055A1] The drive shaft unit of a mixing apparatus has an outer shaft (28) and a moving inner shaft (30). One shaft is locked (54) with the mixing tool (16), in a force fit, relative to the direction of mixing tool (16) rotation. The other shaft is connected to the mixing tool shaft so that a relative rotation between the inner (30) and outer (28) shafts gives an axial lock for the mixing tool (16) at the drive shaft unit (18) through the mixing tool drive shaft.

IPC 1-7
B01F 7/00

IPC 8 full level
B01F 7/00 (2006.01)

CPC (source: EP)
B01F 27/071 (2022.01); **B01F 27/13** (2022.01); **B01F 27/213** (2022.01); **B01F 27/88** (2022.01); **B01F 31/40** (2022.01)

Cited by
US7168847B2; AU2002242581B2; US6974247B2; WO03084445A1; EP2659958A1

Designated contracting state (EPC)
AT CH FR IT LI NL

DOCDB simple family (publication)
EP 0987055 A1 20000322; EP 0987055 B1 20030319; AT E234668 T1 20030415

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